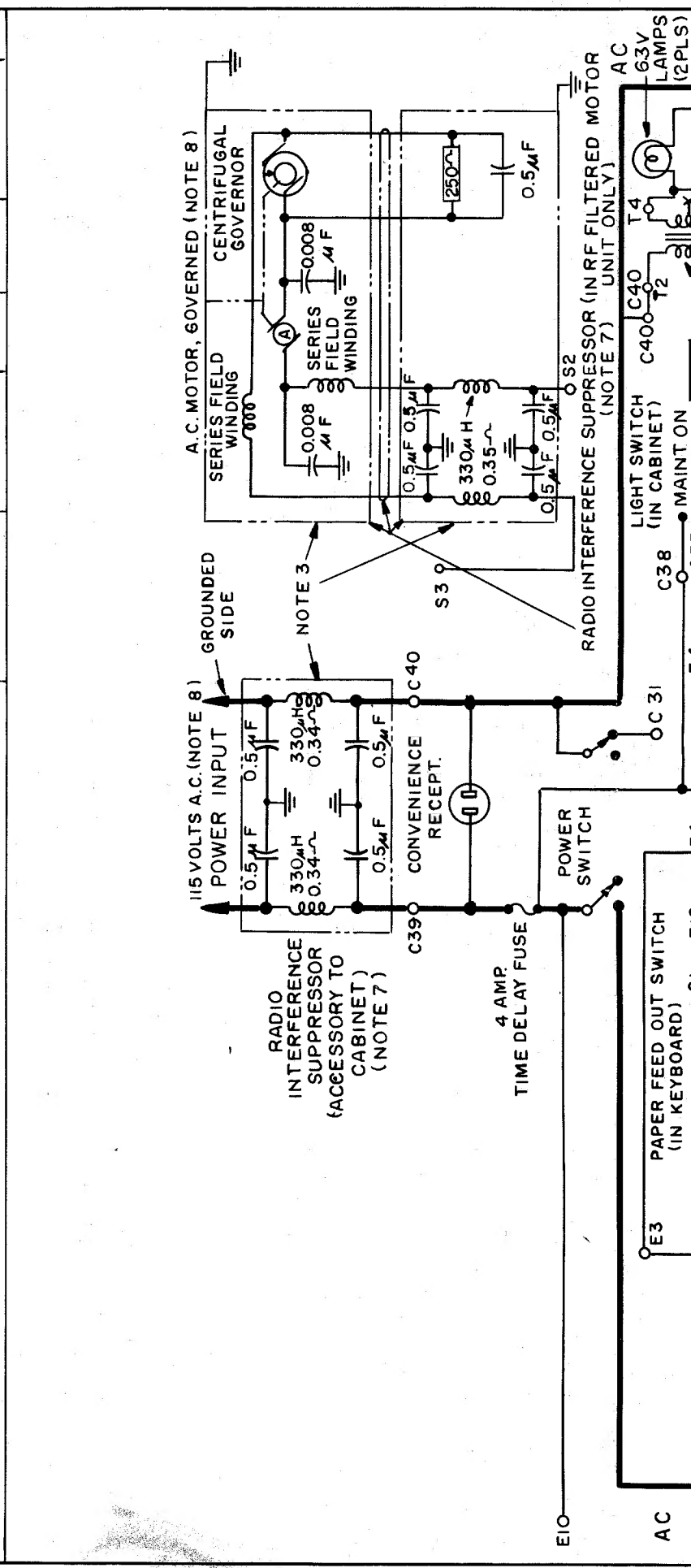
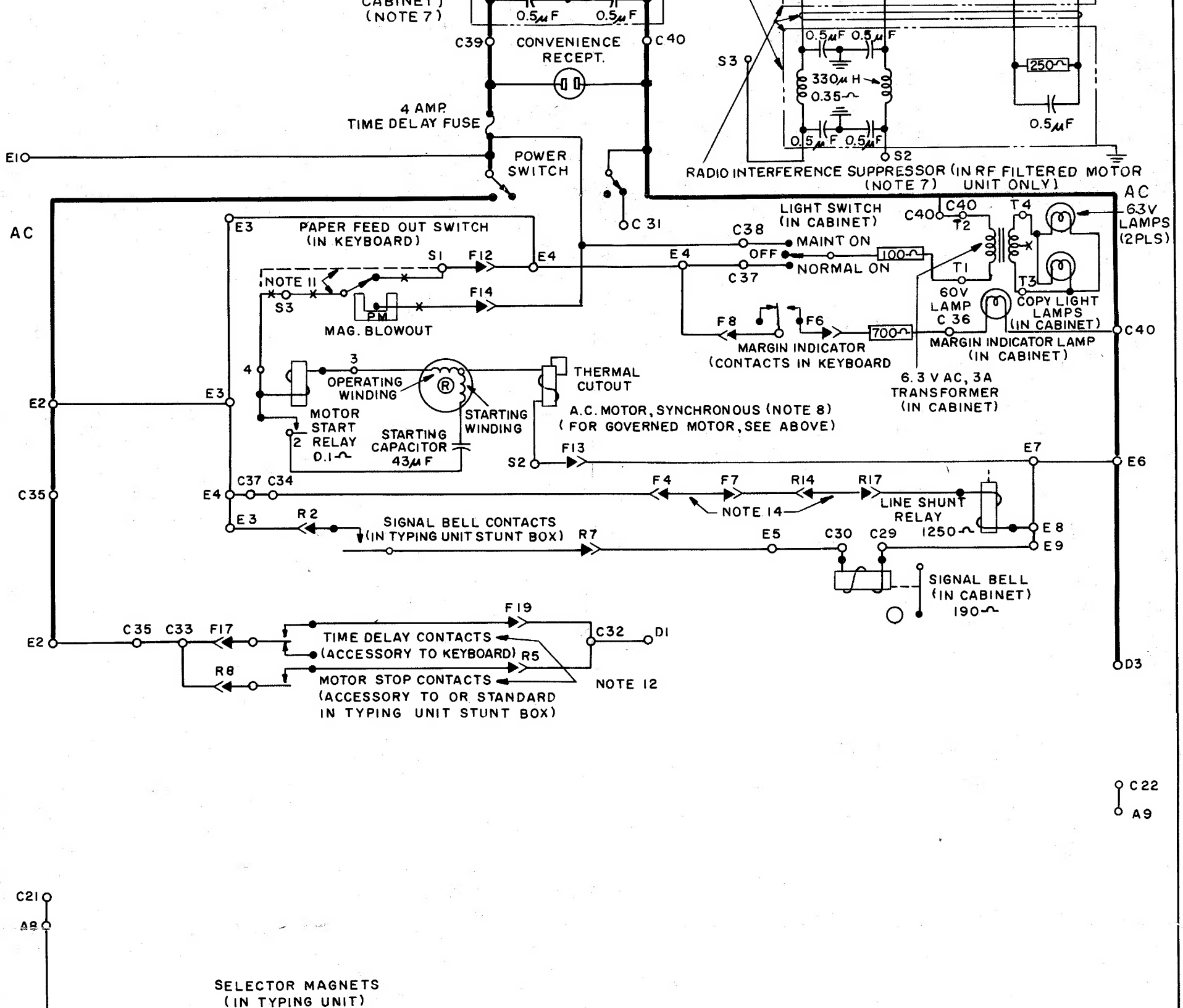
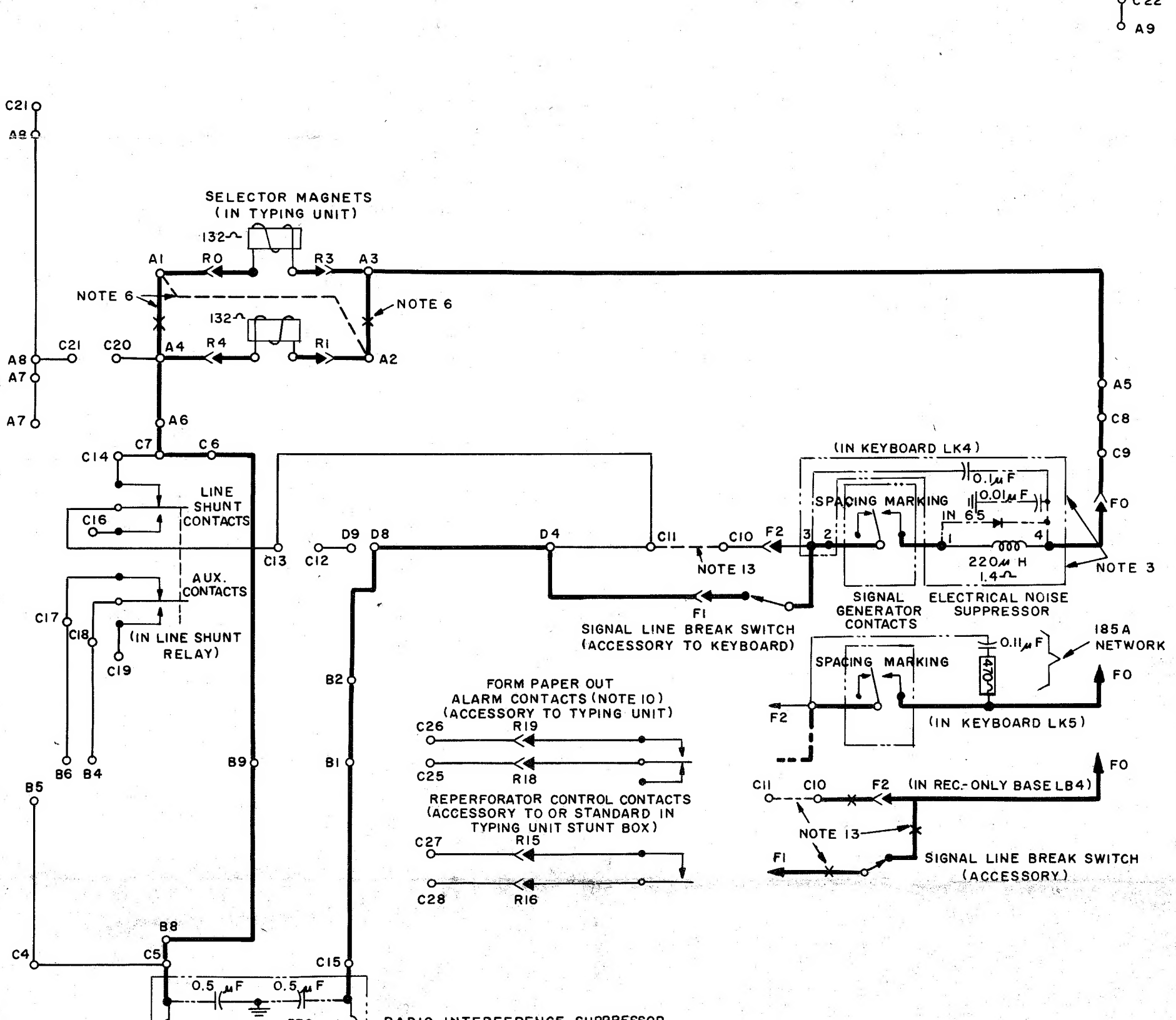
NO.	NOTES
	FOR ACTUAL WIRING DIAGRAMS OF INDIVIDUAL UNITS, SEE: WD NUMBER | UNITS DIRECTLY OPERABLE WITH LESU 7
1	2883 WD | BASE, RECEIVING ONLY - LB4 3236 WD | CABINETS - LAC 203, 204, 205 2874 WD | ELECTRICAL SERVICE UNIT LESU 7/184 2882 WD | KEYBOARDS - LK4, 5 2900 WD | MOTOR UNITS - LMU 3, 4, 6 2864 WD | PAGE TYPING UNITS - LP4, 5, 7 2880 WD | PAGE TYPING UNITS - LP6, 8
2	LEGEND ○ A SELECTOR MAGNET TERMINAL BLOCK (IN LESU) ○ B LINE TEST KEY TERMINAL BLOCK (IN LESE) ○ C CABINET TERMINAL BLOCK ○ D MOTOR CONTROL TERMINAL BLOCK (IN LESU) ○ E POWER TERMINAL BLOCK (IN LESU) ◀ F KEYBOARD OR REC. ONLY BASE CONNECTOR. ◀ R TYPING UNIT CONNECTOR ○ S MOTOR TERMINAL BLOCK (ON LK OR LB)
3	DOT DASH – – ——— LINES INDICATE FILTERING SHIELDING AND SUPPRESSION NETWORKS.
4	ALL APPARATUS IS SHOWN IN UNOPERATED OR DE - ENERGIZED POSITIONS
5	a RESISTANCE VALUES IN OHMS (Ω) b INDUCTANCE VALUES IN MICROHENRIES (μH) c CAPACITANCE VALUES IN MICROFARADS (μF)
6	CIRCUITS SHOW FOR .060 AMP. NEUTRAL SIGNAL LINE OPERATION FOR .020 AMP. LINE CURRENT, ADD DASHED (– – – –) CONNECTIONS AND OMIT CONNECTIONS MARKED (—×—) IN SELECTOR MAGNET CIRCUIT.
7	a USE POWER AND SIGNAL LINE SUPPRESSORS AND SYNC. OR GOV. - FILTER MOTOR FOR INSTALLATIONS REQUIRING MINIMUM R.F. INTERFERENCE. b FOR OTHER INSTALLATIONS, OMIT SUPPRESSORS AND CONNECT INPUTS AND GOV. MOTOR, IF USED, DIRECT TO TERMINALS SHOWN.
8	USE SYNCHRONOUS MOTOR ON REGULATED 60∿ (±1%) A.C. POWER ONLY. GOVERNED MOTOR AND OTHER POWER CIRCUITS OPERABLE ON 50-60∿ UNREGULATED A.C.
9	CIRCUIT SHOWS BOTH HORIZONTAL TABULATOR AND FORM START CONTROL USED ON TYPING UNIT. WHEN ONLY ONE CONTROL IS USED, OMIT CONNECTION MARKED (—×—) AND ADD PROPER DASHED (– – – – –) CONNECTION IN TYPING UNIT CIRCUITS.

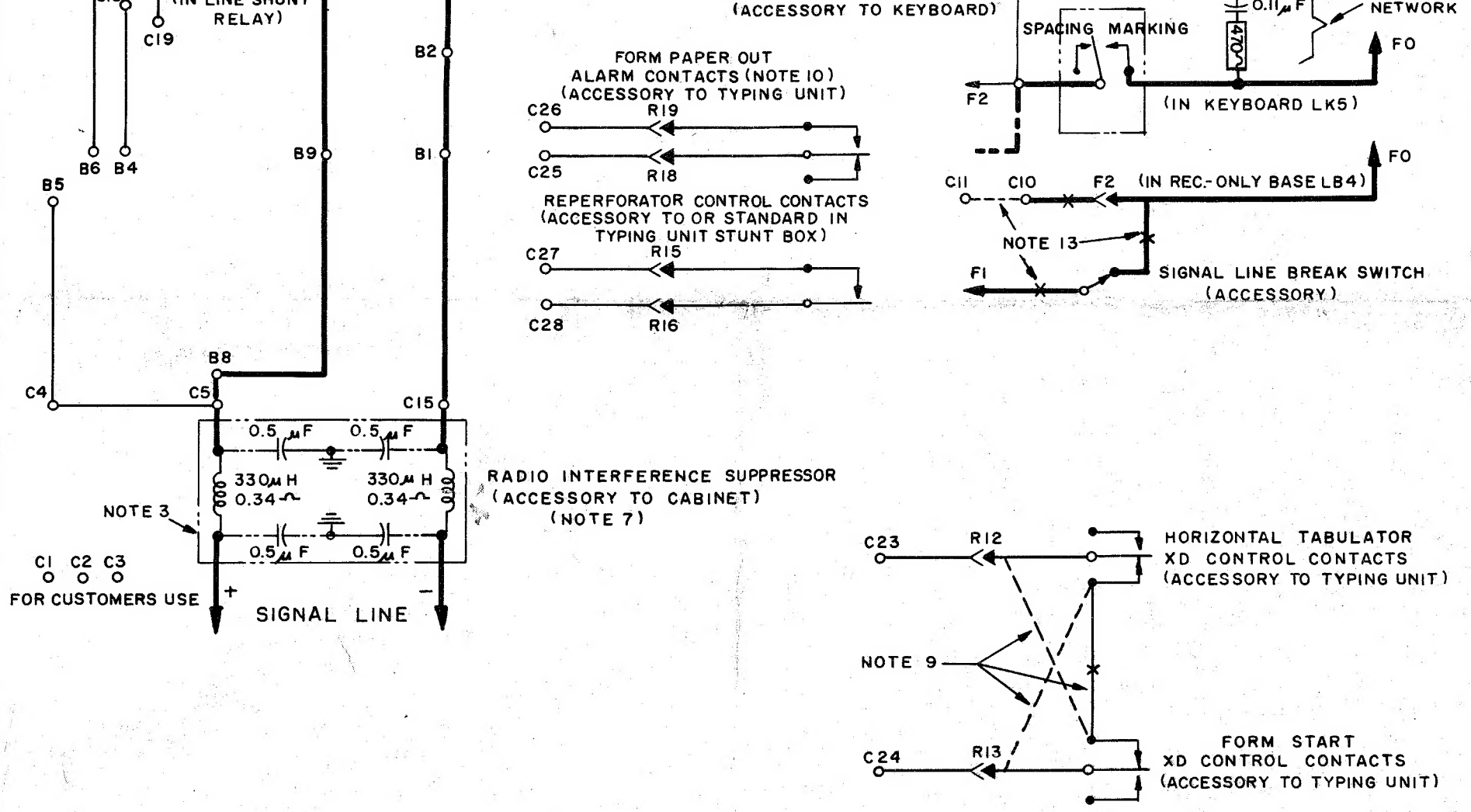
NO.	NOTES
10	FORM PAPER OUT ALARM MOUNTED ON EITHER TH EXTERNAL TO THE CAB CONNECTIONS ARE MADE C 25 AND C 26
11	WHEN PAPER FEED-OUT SW (– – – –) CONNECTIONS AN (—×—) IN MOTOR POW
12	ASSOCIATED APPARATUS ACCESSORY COMPONENT
13	CIRCUITS SHOW A SIGNAL IN BOTH KEYBOARD AND WHEN SWITCH NOT USE CONNECTIONS AND OMIT (—×—).
14	IF LK3 KEYBOARD LB3 TYPING UNIT IS TO BE STRAP F4 TO F7 AND BE ADDED TO ITS CON COMPLETE LINE SHUNT STRAP MAY ALREADY B

O.	NOTES
0	FORM PAPER OUT ALARM CONTACTS MAY BE MOUNTED ON EITHER THE TYPING UNIT OR EXTERNAL TO THE CABINET. IN LATTER EVENT, CONNECTIONS ARE MADE DIRECTLY TO TERMINALS C 25 AND C 26
1	WHEN PAPER FEED-OUT SWITCH IS NOT USED, ADD DASHED (– – – –) CONNECTIONS AND OMIT CONNECTIONS MARKED (—×—) IN MOTOR POWER CIRCUITS.
2	ASSOCIATED APPARATUS MAY CONTAIN INACTIVE ACCESSORY COMPONENTS
3	CIRCUITS SHOW A SIGNAL LINE BREAK SWITCH IN BOTH KEYBOARD AND RECEIVING ONLY BASE, WHEN SWITCH NOT USED, ADD DASHED (– – – –) CONNECTIONS AND OMIT CONNECTIONS MARKED (—×—).
4	IF LK3 KEYBOARD LB3 REC. ONLY BASE, OR LP3 TYPING UNIT IS TO BE USED WITH LESU 7/184, STRAP F4 TO F7 AND/OR R14 TO R17 MUST BE ADDED TO ITS CONNECTORS IN ORDER TO COMPLETE LINE SHUNT RELAY CIRCUIT. (EITHER STRAP MAY ALREADY BE IN CIRCUIT)




CABINET)
(NOTE 7)
0.5μF 0.5μF
C39
CONVENIENCE RECEPT.
C40
4 AMP. TIME DELAY FUSE
E10
POWER SWITCH
C 31
S3
0.5μF 0.5μF
330μH
0.35
0.5μF 0.5μF
S2
250
0.5μF
RADIO INTERFERENCE SUPPRESSOR (IN RF FILTERED MOTOR UNIT ONLY) (NOTE 7)
AC
E3
PAPER FEED OUT SWITCH (IN KEYBOARD)
S1
F12
E4
NOTE 11
S3
PM
MAG. BLOWOUT
F14
C38
MAINT ON
OFF
NORMAL ON
C37
100
LIGHT SWITCH (IN CABINET)
C40
C40
T2
T4
T1
T3
AC 63V LAMPS (2PLS)
60V LAMP C 36
COPY LIGHT LAMPS (IN CABINET)
F8
F6
700
MARGIN INDICATOR (CONTACTS IN KEYBOARD
MARGIN INDICATOR LAMP (IN CABINET)
C40
6.3 V AC, 3A TRANSFORMER (IN CABINET)
4
3
OPERATING WINDING
THERMAL CUTOUT
E2
E3
MOTOR START RELAY 0.1
2
STARTING CAPACITOR 43μF
STARTING WINDING
A.C. MOTOR, SYNCHRONOUS (NOTE 8) (FOR GOVERNED MOTOR, SEE ABOVE)
S2
F13
E7
E6
C35
E4
C37 C34
F4
F7
R14
R17
NOTE 14
LINE SHUNT RELAY 1250
E3
R2
SIGNAL BELL CONTACTS (IN TYPING UNIT STUNT BOX)
R7
E5
C30
C29
E8
E9
SIGNAL BELL (IN CABINET) 190
F19
E2
C35
C33
F17
TIME DELAY CONTACTS (ACCESSORY TO KEYBOARD)
C32
D1
R5
R8
MOTOR STOP CONTACTS (ACCESSORY TO OR STANDARD IN TYPING UNIT STUNT BOX)
NOTE 12
D3
C22
A9
C21
A8
SELECTOR MAGNETS (IN TYPING UNIT)


C22
A9
C21
A8
SELECTOR MAGNETS
(IN TYPING UNIT)
132
A1
R0
R3
A3
NOTE 6
NOTE 6
132
C21
C20
A4
R4
R1
A2
A8
A7
A7
A6
A5
C8
C9
FO
C7
C6
C14
(IN KEYBOARD LK4)
0.1 μF
0.01 μF
SPACING MARKING
IN 6.5
LINE
SHUNT
CONTACTS
C16
D9
D8
D4
C11
C10
F2
3
2
1
4
220 μ H
1.4 Ω
NOTE 3
C13
C12
NOTE 13
AUX.
CONTACTS
C17
C18
C19
(IN LINE SHUNT
RELAY)
F1
SIGNAL LINE BREAK SWITCH
(ACCESSORY TO KEYBOARD)
SIGNAL
GENERATOR
CONTACTS
ELECTRICAL NOISE
SUPPRESSOR
185A
NETWORK
0.11 μF
SPACING MARKING
470Ω
FO
F2
(IN KEYBOARD LK5)
B2
FORM PAPER OUT
ALARM CONTACTS (NOTE 10)
(ACCESSORY TO TYPING UNIT)
C26
R19
C25
R18
B6
B4
B9
B1
FO
C11
C10
F2
(IN REC.-ONLY BASE LB4)
B5
REPERFORATOR CONTROL CONTACTS
(ACCESSORY TO OR STANDARD IN
TYPING UNIT STUNT BOX)
NOTE 13
C27
R15
C28
R16
F1
SIGNAL LINE BREAK SWITCH
(ACCESSORY)
B8
C4
C5
C15
0.5 μF
0.5 μF



SCHEMATIC
WIRING DIAGRAM
MODEL 28
PAGE PRINTER SET
WITH FACILITIES PROVIDED
BY
ELEC. SERVICE UNIT
LESU 7/184
AND ASSOCIATED UNITS

DATE: 2-18-54

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DRAWN: U.S.ENG. CHKD. R.D.

ENGD: G.A.O. APPD: CAL

TELETYPE CORPORATION

2875WD

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